October 26, 1988

Mr. R. F. Holland
President
American Electronics Incorporated
1600 East Valencia Dr.
Fullerton, CA 92631

REQUEST FOR SUBSURFACE INVESTIGATION TO DETERMINE THE EXTENT OF CONTAMINANT MIGRATION

Dear Mr. Holland:

In accordance with the directive included in Assembly Bill 1803, enacted in 1983, the State Department of Health Services conducted a statewide sampling program to determine the extent and nature of volatile organic contamination in ground water throughout the state.

The California Regional Water Quality Control Boards have primary responsibility for the protection of ground and surface waters in the state. The area in which American Electronics is located is under jurisdiction of this Regional Board. Results obtained from the sampling of wells in this geographical area indicated that organic contaminants are present in the ground water.

In order to determine if discharges of chlorinated solvents may have occurred at your site, we recently installed soil vapor monitoring devices at this site. The results of this monitoring, and of soil samples also taken at this site, have confirmed that tetrachloroethylene (PCE) and trichloroethylene (TCE) are present in the soil. Please find a copy of these results enclosed.

As a result of these findings, it is evident that discharges of chlorinated solvents have occurred on site. Therefore, we request that American Electronics Incorporated initiate a workplan for investigating the vertical and lateral extent of any soil and ground water contamination that exists at the site. The workplan must be completed by December 1, 1988, and shall include but not necessarily be limited to the following tasks:

1. Provide a plot map of the facility showing all past surface and subsurface structures used to store or convey solvents or waste solvent or any fluid containing these materials;

2. List the total quantity of chemicals used and wastes generated;

3. Note any treatment or disposal methods used at the facility;

4. Obtain representative soil samples from on site soil borings in areas where discharges may have occurred;

5. Install a minimum of three ground water monitoring wells to determine groundwater gradient and the quality of the water up and down gradient of the site;

6. Provide a report of the investigation findings signed by a registered Engineering Geologist or Engineer with a minimum of 5 years experience in hydrogeology;

7. Provide a description of quality assurance and quality control procedures.

If you have any questions, please contact Mark McKey of our Ground Water Investigation Section.

Sincerely,

Robert Holub, Chief
Ground Water Investigation Section

Enclosures (1)

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